

<b>REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)</b>			THIS RFO <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE OF PAGES 1 12	
1. REQUEST NO. N00173-05-Q-0057	2. DATE ISSUED 04/27/05	3. REQUISITION/PURCHASE REQUEST NO. 55-8064-05	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1		RATING	
5a. ISSUED BY Supply Officer (Code 3410) NRL, Washington, DC 20375			6. DELIVER BY (Date) 09/30/05			
5b. FOR INFORMATION CALL (NO COLLECT CALLS)						
NAME Monica Y. Osborne		TELEPHONE NUMBER AREA CODE 202 NUMBER 767-1995		7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)		
8. TO:				9. DESTINATION		
a. NAME All Quoters		b. COMPANY		a. NAME OF CONSIGNEE Naval Research Laboratory		
c. STREET ADDRESS				b. STREET ADDRESS 4555 Overlook Ave SW Bldg 49		
d. CITY				c. CITY Washington		
		e. STATE	f. ZIP CODE	d. STATE DC	e. ZIP CODE 20375-5329	
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 05/04/05		<b>IMPORTANT:</b> This is a request for information, and quotations furnished are not officers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.				

11. SCHEDULE (Include applicable Federal, State and local taxes)					
ITEM NO. (a)	SUPPLIES/ SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
	See attached continuation sheets.				

12. DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS	
				NUMBER	PERCENTAGE

NOTE: Additional provisions and representations ☐ are ☐ are not attached.

13. NAME AND ADDRESS OF QUOTER			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION	
a. NAME OF QUOTER			16. SIGNER			
b. STREET ADDRESS						
c. COUNTY						
d. CITY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)		b. TELEPHONE AREA CODE	
					NUMBER	

STANDARD FORM 36 JULY 1966 GENERAL SERVICES ADMINISTRATION FED. PROC. REG. (41 CFR) 1-16.101		<b>CONTINUATION SHEET</b>		REF. NO. OF DOC. BEING CONT'D  N00173-05-Q-0057		PAGE OF  2 12	
<b>NAME OF OFFEROR CONTRACTOR</b>  All Quoters							
ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT		
0001	<p>             XICOM Technology Model XTD-40KA Antenna Mount TWTA with the following specifications:              Frequency Range = 30-31 GHz              Output Power: Saturated Power (Typical) 40 W, Rated Power (P1dB) @ Amplifier Flange 32 W              Gain: Large Signal, minimum 60 dB, Small Signal Minimum 65 dB, Attenuator Range (0.1 dB steps) 0-20 dB, Maximum SSG Variation Over Any Narrow Band 0.80 dB Max. per 60 MHz, Any 1 GHz Band 2.5 dB Max. dB, Slope, Max +/-0.05 dB/MHz Max., Stability, 24 Hr Max. +/-0.25dB, Stability, Temperature +/-1.0 dB Max. at any frequency.              Intermodulation: (with two equal signals at 50 W total output power) -18 dBc Max Harmonic Output, Max. -0.6 dBc AM/PM CONVERSION, Max. 2.5 Deg./dB-at 6 dB below Rated Power.              Noise Power, Max.: Transmit Band (27.5-29.5 GHz) -70 dBW/4 kHz, Receive Band (&lt;21.2 GHz) -150 dBW/4 kHz.              GROUP DELAY, Max.: Bandwidth Any 60 MHz, Linear +/-0.01 ns/MHz, Parabolic +/-0.005 ns/MHz<sup>2</sup>, Ripple 0.5 ns/Pk-Pk              RESIDUAL AM NOISE, Max. -50 dBc to 10kHz -20 (1.5+ logf) dBc 10 to 500 kHz, -85 dBc above 500 kHz.              PHASE NOISE, Max 10 dB below IESS phase noise profile, AC fundamental -50 dBc Sum of all spurs -47 dBc.              VSWR: Input, Max. 1.4:1, Output, Max 1.4:1              PRIME POWER OPTIONS: 100-260 VAC, 47 to 63 Hz, Single Phase, 62650 VA Max., 0.95 Minimum Prime Power Factor.              Environment              NONOPERATING TEMP. RANGE: -50to+70 Deg C              OPERATING TEMP. RANGE: -40to+50 Deg C              HUMIDITY: Up to 100% Condensing              ALTITUDE: 10,000 FEET MSL MAX.              SHOCK &amp; VIBRATION: Normal Transportation              COOLING: Forced Air              INTERFACE:              LOCAL CONTROL: Prime Power On/Off, Power Supply On/Off, Local/Remote, HV On/Off              LOCAL STATUS: Tri-Color LED, Fault Red, Standby: Continuous Amber, Transmit ON: Green, FTD Flashing Amber.              REMOTE CONTROL: HV On, RF Inhibit (HV OFF Heater Standby, RF Attenuation w/preamp) Fault Reset.              REMOTE STATUS: HV On, Heater/Beam Hours Filament Time Delay, RF Output Power, Fault Identification, Helix Current, Reflected Power, TWT Temperature, Helix Voltage.              RF MONITOR PORT: -37 dB Coupling Value (Approx.)               Brand Name or Equal           </p>	1	EA				

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<b>NAME OF OFFEROR CONTRACTOR</b>							
<b>All Quoters</b>							
<b>ITEM NO.</b>	<b>SUPPLIES/SERVICES</b>	<b>QUANTITY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>AMOUNT</b>		
	<p>If available please include a published price list or a cost breakdown and return the RFQ package to the following fax number (202)767-1708 or 404-8158.</p> <p>Any questions concerning this Request for Quotation (RFQ) must be e-mailed to SolQnA@condor.nrl.navy.mil at least (5) days before the closing date shown in block 10 on page 1 of RFQ.</p>						